

AMENDMENT TO THE SPECIFICATION:

Please add Abstract of Disclosure as follows:

Abstract of the Disclosure

A method for producing a metallized image on a sheet material includes impregnating the material with a metal salts-containing solution and exposing the specified material points to a pulse laser radiation. The interaction of the pulses with the solution within a laser spot irritates a photochemical reaction resulting in a metal ion reduction into the elementary state thereof by associating the required number of electrons and deposition of metallic film which is firmly fixed to the filler of the sheet material in the laser spot area on the material surface. In case of sufficient laser radiation power, a recess is formed on the sheet material surface, and the metallic film is deposited on the bottom of the recess. An apparatus for carrying out the method for producing a metallized image comprises means for impregnating the sheet material with the metal salts-containing solution and means provided with a laser pulse generator for fixing the metal to said sheet material, a unit for controlling the pulse intensity and a unit for focusing pulses to the specified points of the sheet material.